

DAEWOO
ELECTRONICS



HDMI DVD PLAYER

DSW-800H





Instruction manual

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Important Safety Precautions

	CAUTION RISK OF ELECTRIC SHOCK DO NOT OPEN	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.		



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and servicing instructions in the literature accompanying the appliance.

WARNING : TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

CAUTION : TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

IMPORTANT FOR LASER PRODUCTS

- LASER :** This Digital Video Disc Player employs a Laser System. To ensure proper use of this product please read this owner's manual carefully and retain for future reference. Should the unit require maintenance, contact an authorized service location - see service procedure.
 Use of control adjustments or the performance of procedures other than those specified may result in hazardous radiation exposure.
 To prevent direct exposure to the laser beam, do not try to open the enclosure. Visible laser radiation when open and interlocks defeated.
 DO NOT STARE INTO THE BEAM.
- DANGER :** Visible laser radiation when open and interlock failed or defeated. Avoid direct exposure to beam.
- CAUTION :** Do not open the top cover. There are no user serviceable parts inside the Unit; leave all servicing to qualified service personnel.

**CLASS 1
LASER PRODUCT**

CAUTION: Any changes or modification in construction of this device which are not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

ATTENTION: KEEPING THE STATUS OF STOP MORE THAN 5 MINUTES ENTERS SCREEN SAVE MODE. WHEN THE SCREEN SAVE MODE IS KEPT MORE THAN AN HOUR, THE SET ENTERS STAND-BY MODE.

CAUTION: Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

Important Safety Precautions

This set has been designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated in this unit will protect you if you observe the following procedures for installation, use and servicing. This unit is fully transistorized and does not contain any parts that can be repaired by the user.

1 READ INSTRUCTIONS

All the safety and operating instructions should be read before the unit is operated.

2 RETAIN INSTRUCTIONS

The safety and operating instructions should be retained for future reference.

3 HEED WARNINGS

All warnings on the unit and in the operating instructions should be adhered to.

4 FOLLOW INSTRUCTIONS

All operating and use instructions should be followed.

5 CLEANING

Unplug this unit from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

6 ATTACHMENTS/ACCESSORIES

Do not use attachments unless recommended by the unit's manufacturer as they may cause hazards.

Caution : Apparatus shall not be exposed to dripping or splashing and no objects filled with liquids, such as vases, shall be placed on the apparatus.

7 WATER AND MOISTURE

Do not use this unit near water- for example, near a bath tub, wash bowl, kitchen sink or laundry tub, in a wet basement, or near a swimming pool.

8 PLACEMENT

Do not place this unit on an unstable cart, stand, tripod, bracket, or table. The unit may fall, causing serious injury to a child or adult as well as serious damage to the unit. Use this unit only with a cart, stand, tripod, bracket, or table recommended by the manufacturer.

PORTABLE CART WARNING
(symbol provided by
RETAC)



8A

A unit and cart combination

should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the video product and cart combination to overturn.

9 VENTILATION

Slots and openings in the case are provided for ventilation to ensure reliable operation of the unit and to protect it from overheating. These openings must not be blocked or covered. These openings must not be blocked by placing the unit on a bed, sofa, rug, or other similar surface. This unit should never be placed near or over a radiator or heat radiator. This unit should not be placed in a built-in installation such as a bookcase or rack unless proper ventilation is provided or the manufacturer's instructions have been adhered to.

10 POWER SOURCES

This unit should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supply to your home, consult your video dealer or local power company. For units intended to operate from battery power, or other sources, refer to the operating instructions.

11 GROUNDING OR POLARIZATION

This unit is equipped with a polarized alternating - current line plug (a plug having one blade wider than the other). This plug will fit into the power outlet only one way.

This is a safety feature. If you are unable to insert the plug fully into the outlet, try reversing the plug. If the plug still fails to fit, contact your electrician to replace your obsolete outlet. To prevent electric shock, do not use this polarized plug with an extension cord, receptacle, or other outlet unless the blades can be fully inserted without blade exposure. If you need an extension cord, use a polarized cord.

12 POWER-CORD PROTECTION

Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs and the point where they exit from the unit. Mains plug is used as the disconnect device, the disconnect device shall remain readily operable.

13 LIGHTNING

For added protection for this unit during a lightning storm, or when it is left unattended and unused for long periods of time, unplug it from the wall outlet and disconnect the antenna or cable system.

Important Safety Precautions

This will prevent damage to the unit due to lightning and power line surges.

14 DISC TRAY

Keep your fingers well clear of the disc as it is closing. It may cause serious personal injury.

15 OVERLOADING

Do not overload wall outlets or extension cords as this can result in a risk of fire or electric shock.

16 OBJECT AND LIQUID ENTRY

Never press objects of any kind into this unit through openings as they may touch dangerous voltage points or "short-out" parts that could result in a fire or electric shock. Never spill liquid of any kind on the unit.

17 BURDEN

Do not place a heavy object on or step on the product. The object may fall, causing serious personal injury and serious damage to the product.

18 DISC

Do not use a cracked, deformed or repaired disc. These discs are easily broken and may cause serious personal injury and product malfunction.

19 SERVICING

Do not attempt to service this unit yourself as opening or removing covers may expose you to dangerous voltage or other hazards. Refer all servicing to qualified service personnel.

20 DAMAGE REQUIRING SERVICE

Unplug this unit from the wall outlet and refer servicing to qualified service personnel under the following conditions.

- A. When the power-supply cord or plug is damaged.
- B. If liquid has been spilled, or objects have fallen into the unit.
- C. If the unit has been exposed to rain or water.
- D. If the unit does not operate normally by following the operating instructions. Adjust only those controls that are covered by the operating instructions. Improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the unit to its normal operation.
- E. If the product has been dropped or the cabinet has been damaged.
- F. When the unit exhibits a distinct change in

performance-this indicates a need for service.

21 REPLACEMENT PARTS

When replacement parts are required, have the service technician verify that the replacements he uses have the same safety characteristics as the original parts. Use of replacements specified by the unit manufacturer can prevent fire, electric shock, or other hazards.

22 SAFETY CHECK

Upon completion of any service or repairs to this unit, ask the service technician to perform safety checks recommended by the manufacturer to determine that the unit is in safe operating condition.

23 WALL OR CEILING MOUNTING

The product should be mounted to a wall or ceiling only as recommended by the manufacturer.

24 HEAT

The product should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.

FCC NOTICE :

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rule. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception; which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:



- Reorientate or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment to an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experience radio/TV technical for help.

Features

④ **HDMI**

Audio/Video Digital output
support 1080I (Interlace), 720P (Progressive) and 480P/576P Video out.

④ **OUTSTANDING SOUND QUALITY**

Dolby Digital  system developed by Dolby Laboratories and DTS  developed by DTS Inc., features high quality surround sound which can be played in DVD or CD disc at home, to reproduce high quality sound effects.

④ **HIGH DEFINITION**

The unit adopts MPEG2 coding format and brings the high horizontal resolution.

④ **UNIQUE FUNCTIONS**

Multi-angle and multi-language bring unique trick functions.
Parent lock makes it easy to control the content of discs.

④ **SCREEN**

Ordinary screen and wide screen (16:9) are available.

④ **COMPATIBILITY**

The unit can play DVD-video discs, and is compatible with CD, CD-G, CD-R, CD-RW, PIC-CD, MP3, DVD-R, DVD+R, DVD-RW and DVD+RW.

④ **ZOOM**

It can enlarge pictures.

④ **MULTI-FUNCTIONS**

Fast forward, fast reverse, forward and reverse slow, frame play, repeat play and program play.

④ **TIME SEARCH**

It can search a specific part on a disc, especially good for watching movies.

④ **RESUME PLAY**

It can memorize the position where the disc is stopped and resume playback.

④ **VIDEO OUTPUT**

Standard video, S-video, HDMI, component (progressive, interlace) video output mode.

④ **AUDIO OUTPUT**

HDMI/ Analog audio output, coaxial digital audio output, can be connected with the appropriate amplifier to enjoy high-quality sound effects.

About Discs

PRINCIPLES FOR WRITING

This manual mainly introduces how to use buttons on the remote control.
You may operate the unit if the buttons on the unit have the same or similar names as or to those on the remote control.

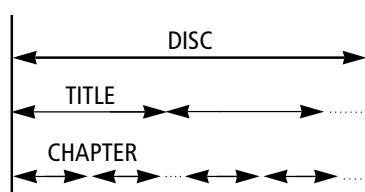
PLAYABLE DISCS

DVD-video	Region number 4 or Region number ALL
DVD-R/+R	DVD video
DVD-RW/+RW	DVD video
DVD-ROM	DVD video
CD-G	Playback audio/ graphic files
CD-DA	Digital audio files
CD-R/ CD-RW	Digital audio/ MP3/ JPEG format files
CD-DA/JPEG/MP3	Total disc capacity : over 4M, Each file : under 1M
CD-ROM	Digital audio/ MP3/ JPEG format files

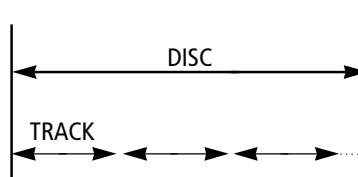
NONE PLAYABLE DISCS

DVD-video	Different region number
DVD-ROM	Files for PC application / Data files
CD-ROM	Files for PC application / Data files
CD-MP3	Files under windows format
DVD-RAM	All format

STRUCTURE OF DVD



STRUCTURE OF CD



TITLE

The images or music of a DVD are divided into some units, among which title is the biggest one.

When playing a DVD, the movie is the title.

When playing a CD, the combined tracks make up the title.

CHAPTER

It is smaller than title among the units of a DVD. A title is made up of several chapters, and each chapter has a number for search. But some discs may not have numbered chapters.

TRACK

In a CD, each track has a number to enable search functions.

SCENE

The menu pictures, motion and motionless pictures of a CD can be divided into some parts, these parts are scenes. Each scene has a number for search.

REGION MANAGEMENT INFORMATION

This unit is designed and manufactured to respond to the Region Management information that is recorded on a DVD disc. The region number of this player is "4". If the region number described on the DVD discs does not correspond to the Region number of this player, the player will not play this disc. This player will play DVD discs made for "ALL" regions. Therefore, this player will play DVD discs marked with labels containing the region number "4" or "ALL".



(Region 4)



(Region ALL)

MACROVISION

This product incorporates copyright protection technology that is protected by U.S. patents and other intellectual property rights. Use of this copyright protection technology must be authorized by Macrovision, and is intended for home and other limited viewing uses only unless otherwise authorized by Macrovision. Reverse engineering or disassembly is prohibited.

Before Operation

SECURITY

- Before operation, check if the voltage of the unit is in line with the local voltage.
- Hold the plug to disconnect it from the mains outlet. Do not pull the power cord.
- When the plug of the unit is connected to the mains outlet, the unit will be still connected to AC even if the power is turned off.
- Disconnect the plug as soon as liquid or objects enter the unit. The unit can not be used until being checked by experts.
- Do not open the cabinet as laser rays employed by the unit may damage eyes. Any servicing should be done by qualified service personnel.

PLACEMENT

- Put the unit where ventilation is good enough to prevent overheating.
- Never put the unit in direct sunlight or near heat sources.
- Put the unit horizontally, never put any heavy object on the unit.
- To protect the pickup, do not put the unit where there is dust. If there is dust on the pickup, use a cleaning disc to clean it. Paying particular attention to the operating instructions of the cleaning disc.

CONDENSATION

Moisture will appear on the pickup lens in the following cases:

- The unit is suddenly moved from a cold place to a warm place.
- The unit is put in a room with a heater, or in cold air from an air-conditioner.
- Using the unit in a humid place. In these cases, the unit can not work. Unload the disc and leave the unit on for about one hour to evaporate the moisture.

CLEANING

- Use a soft cloth with a little neutral detergent to wipe the cabinet, panel and controls.

Never use abrasive paper, polishing powder, solvent like alcohol or gasoline.

HANDLING DISC



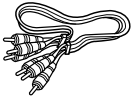


- To keep the disc clean, do not touch the playsides of the disc.
- Do not attach paper or tape to the disc.
- Keep the disc away from direct sunlight or heat sources.
- Store the disc in a disc case after playback.

CLEANING DISC

- Before playback, wipe the disc outward from the centre with clean cloth.
- Do not use any type of solvent such as thinner, benzene, commercially available cleaners or antistatic spray.

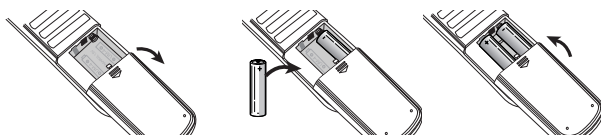
CHECK ACCESSORIES

Check if you have all the accessories after the carton is opened.

Remote control	AAA batteries	Video/Audio cord	HDMI-cable	Instruction manual
				

USE REMOTE CONTROL

- 1 Open the battery compartment.
- 2 Insert two AAA batteries, make sure to match "+" and "-" of the batteries to the marks in the battery compartment.
- 3 Close the battery compartment.
- 4 Point the remote control at the remote sensor.



Note:

1. Batteries can last for about 6 months generally. Change the batteries if that does not work.
2. If the remote control is not used for a long time, remove the batteries to prevent battery leakage.

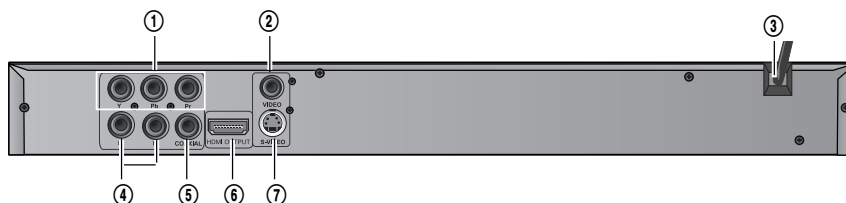
Preparations before Operation

FRONT PANEL



- ① **STANDBY/ON button**
To switch the unit On or Off when connected to AC power outlet.
- ② **OPEN/CLOSE button**
To open or close the disc tray.
- ③ **PLAY/ PAUSE button**
To play the loaded disc. Press this button to go to the preferred item when the menu is displayed on the TV screen. Press this button in playback mode, the picture stops. This machine enters the playback pause mode.
- ④ **STOP**
To skip back from the current chapter or track.
- ⑤ **PREV button**
To skip forward to the next chapter or track.
- ⑥ **NEXT button**
To skip forward to the next chapter or track.
- ⑦ **DISPLAY**
Displays operation status.
- ⑧ **REMOTE SENSOR**
Receives a light signal from the remote control.

REAR PANEL



① COMPONENT (Y.Pb.Pr)

Connects to TV or monitor equipped with Component input . In order to achieve a sharper and cleaner picture than when connected via VIDEO OUT (composite video).

② VIDEO OUT

Connects composite video signal to input AV or PHONO sockets of TV or monitor to achieve high fidelity colour reproduction.

③ POWER SUPPLY SOCKET WIRE

Creates POWER between wall outlet and the unit.

④ AUDIO OUT (L/R TRACK)

Two phono sockets for analogue 2 Channel audio in order to a TV or stereo amplifier.

⑤ DIGITAL AUDIO COAXIAL OUT

Connects digital audio under play mode into an AV amplifier or a receiver equipped with digital audio decoder for you to enjoy the theatre-quality sound in your home.

⑥ HDMI OUT

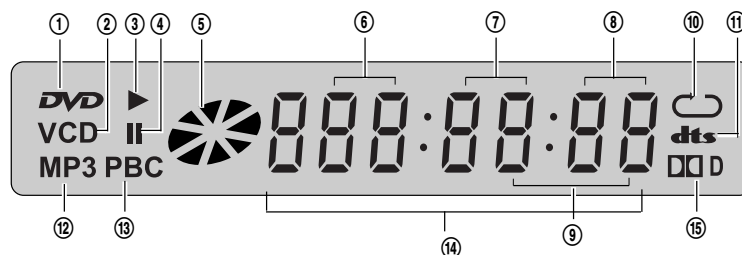
Audio/Video High definition multimedia digital output terminal. Use the HDMI cable, connect this HDMI output terminal to the HDMI input terminal on your TV for the best quality picture.

⑦ S-VIDEO OUTPUT

Connects to TV or monitor equipped with S-VIDEO input. In order to achieve a sharper and cleaner picture than when connected via VIDEO OUT (composite video).

Preparations before Operation

LED DISPLAY

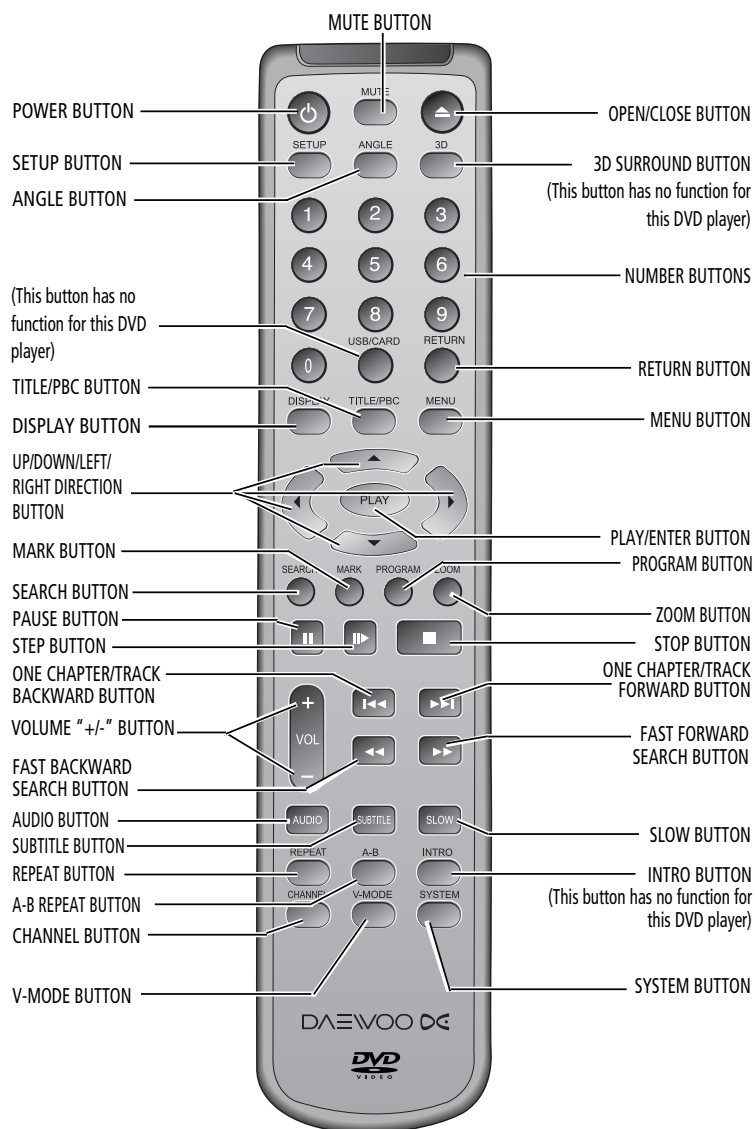


- | | |
|--|---|
| <p>① Recognized DISC TYPE indicator
: DVD</p> <p>② Recognized DISC TYPE indicator
: VCD</p> <p>③ PLAY indicator</p> <p>④ PAUSE indicator</p> <p>⑤ DISC LOAD/PLAY indicator
This indicator is lit up after recognizing the disc.</p> <p>⑥ DVD/CD/MP3 indicator
Indicates the hour.</p> <p>⑦ DVD/CD/MP3 indicator
Indicates the minutes.</p> <p>⑧ DVD/CD/MP3 indicator
Indicates the seconds.</p> <p>⑨ DVD/CD/MP3 indicator
Indicates the title, chapter or track number.</p> <p>⑩ REPEAT MODE indicator
□ : In case you want to play a chapter, track, title or disc repeatedly.</p> <p>⑪ DVD AUDIO STREAM indicator
: dts digital out</p> | <p>⑫ Recognized DISC TYPE indicator
: MP3</p> <p>⑬ PBC indicator
This indicator is lit up in selecting PBC ON while this indicator disappears in selecting PBC OFF.</p> <p>⑭ NUMBER/ CHARACTER indicator
Chapter, track number, and time are displayed in loading DVD/CD disc, while track number and time are displayed in loading MP3.

 <i>OPEN</i> : Tray is opened
 <i>CLOSE</i> : Tray is closed
 <i>Load</i> : Disc is loaded
 <i>NO DISC</i> : There is no disc in tray</p> <p>⑮ DVD AUDIO STREAM indicator
Indicates the audio type of the disc under playing is DOLBY DIGITAL.</p> |
|--|---|

NAMES AND LAYOUT OF REMOTE CONTROLS

* After setting the mode by using SETUP menu (for example, NTSC select in NTSC/PAL/AUTO setup), the setting is kept though you switch the unit off and turn it on.

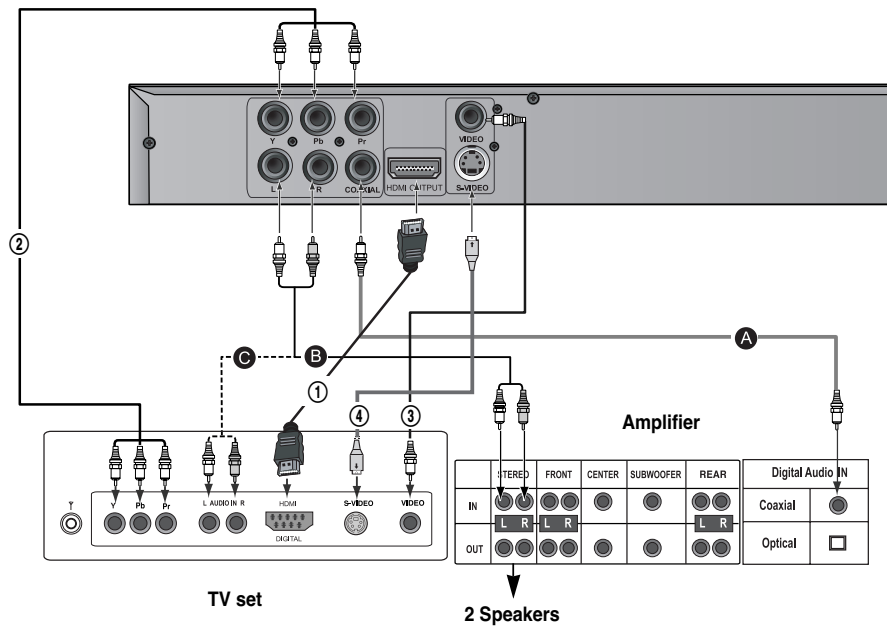


Connections

Turn off all equipment before operation.

The unit has many kinds of output modes like A/V output, S-VIDEO output and digital signal output (COAXIAL). You may select as you need.

CONNECTED TO A TV AND AN AUDIO AMPLIFIER



Connects either ①, ②, ③+ A, ④+ A, ③+ B, ④+ B, ③+ C or ④+ C.

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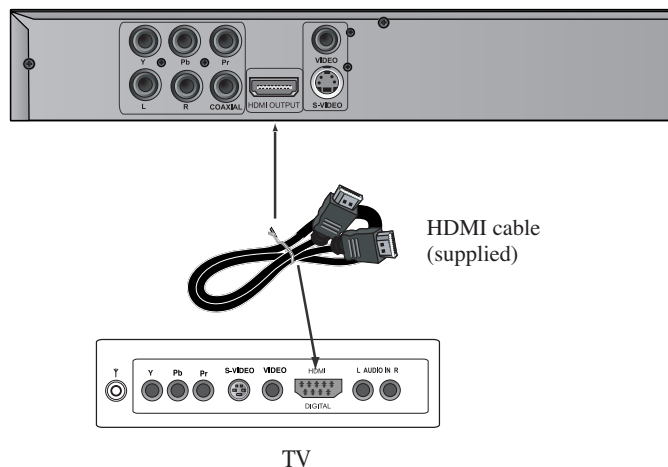
Manufactured under license under U.S. Patent #: 5,451,942 and other U.S. and worldwide patents issued and pending. DTS and DTS Digital Out are registered trademarks and the DTS logos and Symbol are trademarks of DTS, Inc. © 1996-2007 DTS, Inc. All Rights Reserved.

ABOUT HDMI

HDMI (High Definition Multimedia Interface) supports both video and audio on a single digital connection for use with DVD Players, Set-Top Boxes, and other AV devices. HDMI was developed to provide the technologies of HDCP (High Definition Contents Protection). HDCP is used to protect digital content transmitted and received.

HDMI has the capability to support standard, enhanced, or high-definition video plus standard to multi-channel surround-sound audio, HDMI features include uncompressed digital video, a bandwidth of up to 5 gigabytes per second, one connector (instead of several cables and connectors), and communication between the AV source and AV devices such as DTVs.

HDMI, the HDMI logo and High-Definition Multimedia Interface are trademarks or registered trademarks of HDMI licensing LLC.



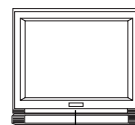
- When you connect your player to the TV through the HDMI cable, you have to change the video output mode to HD mode by pressing [V-MODE] button on the remote control.
- Except HD Mode, the other modes (for example, Interlace, Progressive, S-video mode) may happen abnormal picture and sound.
- Read Time of HDMI signal may take 10 seconds. (It depends on TV)
Wait a little while, please!

Basic Operations

PLAY DISCS

- 1 Press "POWER" button on the TV and audio system, Press "TV/VIDEO" button on the TV, select VIDEO mode (TV).

Select S-Video mode if using an S-VIDEO connection.

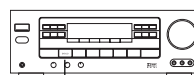


TV/VIDEO

Note:

The Step2 can be cancelled if you do not connect it to the amplifier.

- 2 Select the correct audio input on the amplifier.
 - Each amplifier is different from another, please refer to the manual for the amplifier. (e.g., connect the audio output of the DVD player to the DVD audio input of an amplifier.)



DVD/LD

- 3 Press "STAND BY/ON" button on the front panel or "⏻" button on the remote control to turn the unit on.

- 4 Press "OPEN/CLOSE ▲" button to open the disc tray and insert the disc with its label upward. Press "OPEN/CLOSE ▲" button again to close the disc tray. The unit begins to read the disc. The TV screen shows the DVD menu and title menu.

- When playing a DVD, DVD menus and titles are displayed on TV screen.
- In the case of CD, the disc plays in order of its track number.

- 5 Stop playback.
Press ■.

- 6 Press ▲ to remove the disc.

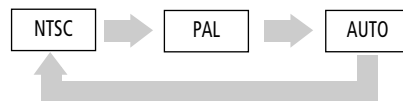
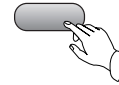
SYSTEM SETTING

According to the system of the TV to be connected, set the system of the unit to make it match the TV.

In STOP mode, press SYSTEM button on the remote control, then choose TV TYPE.

- When you press the [SYSTEM] button, the TV screen shows the information as : "If you want to change, press [SYSTEM] again." Press the [SYSTEM] button again, the video out system changes as follows.

SYSTEM

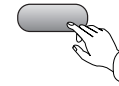


V-MODE (WHEN SELECTING INTERLACE, PROGRESSIVE, S-VIDEO or HD mode)

There are variety of ways to connect the DVD player to your TV. (refer to 14page)

Choose one of the following video output modes by pressing [V-MODE] button, depending on the connection from DVD player to your TV.

V-MODE



- Component connection - Progressive mode or Interlace mode
Check whether your TV has the function of progressive before selecting progressive mode. If your TV does not accept the progressive, you can select the Interlace mode.
- S-Video connection - S-video mode
- Composite connection - Interlace mode
- HDMI connection - HD mode (For more details, refer to 15page)

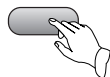


When video output mode is not proper for the connection, no picture or no sound may occur.

Basic Operations**DISPLAY**

Press the "DISPLAY" button when playing a disc, the TV screen shows the information as :

DISPLAY

**DVD**

	Running Time	Remain Time
DVD Video	00:00:35	01:55:28
Title 1/5	Chapter	1/16
Audio 1/2	6Ch Eng	
Subtitle Off		
Angle 1/1		

VCD

	Running Time	Remain Time
VCD 2.0	00:00:41	00:50:28
Track 1/1		

FAST PLAY

When playing disc, you may play it forward fast or reverse it fast to find what you need.

Note:

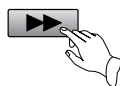
Press **PLAY** to play normally when playing fast.

Note:

The marked **FAST PLAY** speed on owner's manual and real fast play speed can be different depending on which disc you play.

1

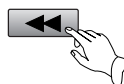
Press **▶▶** to play forward fast. Each time you press the button, the speed of picture changes like the right sides.



- ① ▶▶ X2
- ② ▶▶ X4
- ③ ▶▶ X8
- ④ ▶▶ X16
- ⑤ ▶ Play

2

Press **◀◀** to reverse the disc fast. Each time you press the button, the speed of picture changes like the right sides.



- ① ◀◀ X2
- ② ◀◀ X4
- ③ ◀◀ X8
- ④ ◀◀ X16
- ⑤ ▶ Play

Note:

Press **PLAY** to play normally.

SLOW PLAY

Press "SLOW" button to play slowly.

**Note:**

Press **PLAY** to play normally.

PAUSE/ STEP

Press **PAUSE** on the remote control to make the playback pause.

Pressing **STEP** again moves the picture forward frame by frame.

Basic Operations**SELECT AUDIO LANGUAGE**

You can choose the language according to your choice when playing multi-language DVD.

Press "AUDIO" button, select different languages.

**Note:**

1. Different disc has different languages
2. You can press "AUDIO" button to choose the language you want when you play multi-language DVD discs.

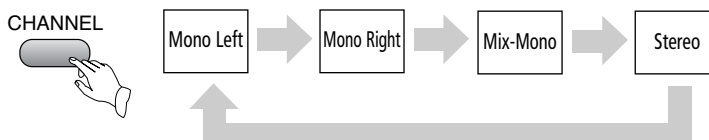
***Attention:**

Please select the AUDIO language in SETUP menu to keep the setting!

SELECT CHANNELS (VCD, CD)

You may select the right channel or left channel or stereo from a multi-channel.

Press "CHANNEL" button, the screen show alternately and select the desired audio channel:

**Note:**

You can use channel function when you play the disc, you can choose mono audio output (left or right channel), stereo or mix-mono

Playing a desired Scene

TO SKIP SCENES IN A DISC

- 1 Press **▶▶I** to move to the next chapter (or track).
The current chapter (or track) moves to the next chapter (or track).
- 2 Press **I◀◀** to move to previous chapter (or track).
The current chapter (or track) moves to the previous chapter (or track) or first scene of current chapter (or track).

DIRECTLY MOVING TO A DESIRED TITLE (DVD, VCD)

Some movie discs may contain multiple titles. If the disc has a movie title menu recorded on it, the [TITLE/PBC] button can be used to select the movie title. Details of operation may differ depending on the disc used.

- 1 Press the [TITLE/PBC] or [MENU] button .
A list of the titles on the disc is displayed.
If using some disc, the menu screen will appear only when the disc has PBC function and PBC ON is activated.

Note:

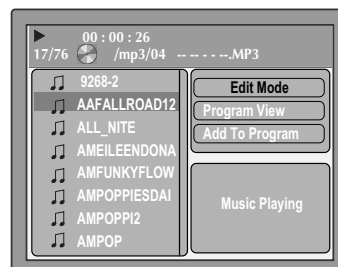
You can select the desired title directly by using number button.

* In the case of PBC play, press RETURN to return to the sub-menu, press it again to return to the home menu.

- 2 Press the [PLAY] button after pressing the [**◀▶▲▼**] or number button to select the desired title.
The selected title now starts playing.

*Playing a desired Scene***PLAYING A DISC CONTAINING MP3 (or CD) FILES**

- 1** When a MP3 disc is loaded, MP3 menu screen is displayed automatically depending on MP3 disc's folder structure.



- 2** Use [◀▶▲▼] button to select the folder you want to play, and press the [PLAY] button.

This button allows you to see the file lists under the folder.

- 3** Use [◀▶▲▼] button to select a MP3 file and press the PLAY button then play will start automatically. When you know the file number, enter the MP3 file number using the numeric buttons on the remote control.

- 4** Press ▶▶ on the remote control to choose next page. Press ◀◀ for previous page.

When you know the file number, enter MP3 file number using the numeric buttons on the remote control.

■ **PLAYING DivX DISC ON CD-R (W)**

- DivX refers to a new format of Audio/Video files available for playback over the internet because of the popularity to download music from DivX websites on to ones computer.

- 1** When a DivX disc is loaded, the DivX menu screen is displayed automatically depending on DivX disc's folder structure.
- 2** Move the cursor to DivX file you want to play and press play button.
- 3** On your disc, if there are many subtitles, press the [SUBTITLE] button for selecting subtitle you want to display.



YOUR DVD PLAYER CAN PLAY;

- Picture DivX version: DivX 3.11, 4.x, 5.x, XviD, DivX PRO (Excluding QPEL and GMC)
- Subtitle file extension : It can support Smi, Srt, Sub, TXT.
- Subtitle Support language: It can display ENGLISH and some languages.

Note:

- The player cannot recognize the difference of the filenames which are made more than 15 characters. It may cause unsuitable or no subtitle. We recommend to change the file name within 15 characters.
- In order to recognize a DivX subtitle normally, the DivX subtitle language in Language menu should be set to the corresponding national language. (refer to "DivX subtitle" in page 34)

Playing a desired Scene

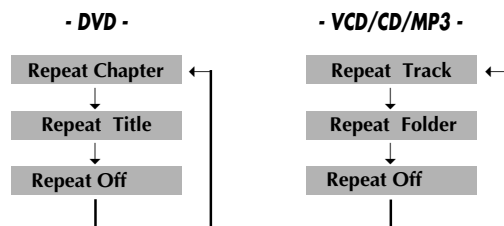
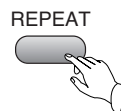
REPEAT PLAY

Note:

For the case of VCD disc, repeat playback starts only in PBC OFF mode.

When play a disc, this function can be used to repeatedly play a title, chapter, track or disc.

Press "REPEAT" button, the screen shows orderly.



- Repeat Chapter : Current chapter will play repeatedly.
- Repeat Title : Current title will play repeatedly.
- Repeat Track : Current track will play repeatedly.
- Repeat Folder : The items in the current directory will play repeatedly.
- Repeat Off : Repeat playback will be cancelled.

REPEATING A DEFINED PERIOD FROM A TO B

You may press A-B to enjoy some parts repeatedly when playing a disc.

1 Press "A-B" to set a starting point A.

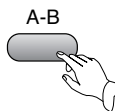
Rep A-

2 Press "A-B" twice to an end point B. Afterwards, the unit plays from A to B.

Rep A-B

3 Press "A-B" three times to remove A-B repeat.

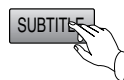
Rep Off



SELECT A SUBTITLE LANGUAGE

When play a multi-subtitle DVD, you may select one subtitle to show it on the screen.

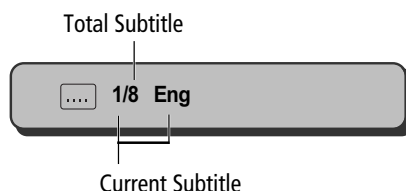
- 1** Keep pressing [SUBTITLE] button till the user's preferred language appears.



Note:

1. For some discs, subtitles cannot be removed.
2. Subtitle function is only available for some discs with subtitle recorders.

If a DVD disc includes subtitle information, every time the user presses [SUBTITLE] button, ENGLISH, FRENCH, SPANISH and others appear one by one.



- 2** Remove the subtitle.

Press SUBTITLE until the screen shows "Off".

SEARCHING

DVD

SEARCHING DVD WITH A TITLE/CHAPTER NUMBER OR A TIME

Note:

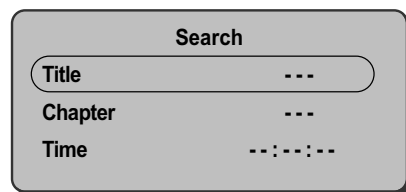
- **SEARCH** functionality depends on different DVD disc's format. Some DVD discs do not allow **SEARCH** function.
- **SEARCH** does NOT function during Program playback.

- Using the **SEARCH** button you may play a disc at a desired Title, Chapter or Time.

Press the [SEARCH] button to select **SEARCH** mode.

Press ▲ or ▼ button to select title, chapter or time item.

Enter title number, chapter number or time by using numeric buttons directly and then press **PLAY** to confirm.



Playing a desired Scene

VCD

CD

SEARCHING VCD& CD WITH A DISC /TRACK TIME OR TRACK NUMBER

- Using the SEARCH button you may play a disc at a desired Track or Time.

Press the [SEARCH] button to select SEARCH mode.

Press ▲ or ▼ button to select track or time item.

Enter track number or time by using numeric buttons directly and then press PLAY to confirm.

Search	
Track	---
Time	--:--:--
Disc Time	--:--:--

MP3

SEARCHING MP3 WITH A FILE TIME

- Using the SEARCH button you may play a MP3 file at a desired Time.

Press the [SEARCH] button to select SEARCH mode.

Enter file time by using numeric buttons directly and then press PLAY to confirm.

Search	
Time	--:--:--

Play discs in various ways

Note:

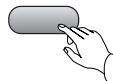
Multi Angle function is limited to a DVD disc supporting multi angle information.


SELECT ANGLE


Some discs have images with different screen angles, you may select among them. For example, when you watch a running train, you may select to watch it from the front, the left window or the right window without stopping it.


Keep pressing [ANGLE] button till the preferred angle appears.

ANGLE



 Angle 2/4 (select ANGLE2)

 Angle 3/4 (select ANGLE3)

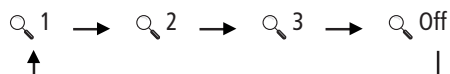
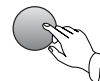
 Angle 4/4 (select ANGLE4)

ZOOM PLAY

This function can be used to enjoy a motion or motionless picture.

- 1 Press "ZOOM" button when playing, the screen shows orderly:

ZOOM



- 2 Press "UP/DOWN/LEFT/RIGHT" [◀▶▲▼] button to move the enlarged picture.

Play discs in various ways**BOOK MARK****Note:**

If you erase a book mark function, press "RETURN" button.

- Storing a MARKER in the DVD memory is similar to marking your page in a book. It allows you to quickly return to any point on the disc.

1 Storing a marker in the memory

Press MARK during playback mode and press PLAY at the starting point to be viewed (listened to) again.

Bookmark 1	--:--:--
Bookmark 2	--:--:--
Bookmark 3	--:--:--

Press ▲ or ▼ button to select another book mark item.

2 Recalling/ Clearing a marker

Press MARK during playback. Press ▲ or ▼ to select the marker to be recalled/ cleared.

Press PLAY to recall a marker. Or press RETURN to clear a marker. Play resumes from the point corresponding to the selected marker, or the selected marker is cleared.

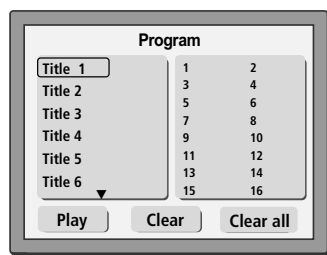
PROGRAM PLAY (DVD)

You may program the title and chapter on a disc and play them in the programmed order.

Note:

- Some DVD discs do not allow programming.

1 Press "PROGRAM" button, the screen shows:

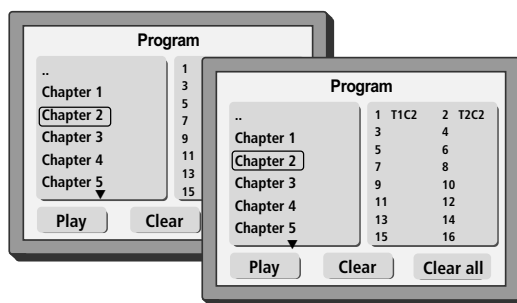


2 Press ▲ or ▼ button to select the desired title number. Press PLAY. Then chapter screen appears.

You can also select the desired chapter number by using ▲ or ▼ button. Press PLAY.

Note:

- You can clear all programmed item by press PLAY button on the position of "Clear All".
- You can clear from the latest programmed item by press PLAY button on the position of "Clear".



The selected title/chapter number will display at the right sides on the screen.

After the programming is finished, press direction [◀▶▲▼] button to select "Play", press "PLAY" button to start playing.

Play discs in various ways

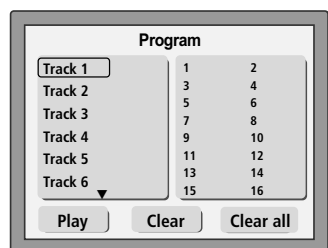
PROGRAM PLAY (VCD)

You may program the track on a disc and play them in the programmed order.

Note:

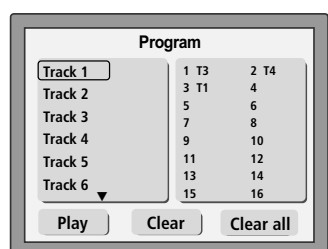
- Single track disc can not be programmed.

1 Press "PROGRAM" button, the screen shows:



2 Press ▲ or ▼ button to select the desired track number. Press PLAY.

The selected track number will display at the right sides on the screen.



After the programming is finished, press direction [◀▶▲▼] button to select "Play", press "PLAY" button to start playing.

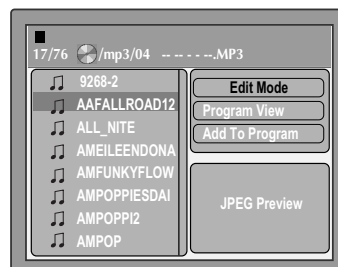
Note:

- You can clear all programmed item by press PLAY button on the position of "Clear All".
- You can clear from the latest programmed item by press PLAY button on the position of "Clear".

PROGRAM PLAY (CD, MP3, JPEG, MPEG4)

- 1 In order to add a file to the program list, press STOP to stop the playing file.
Use ► button to select Edit Mode and press [PLAY] button.

When Edit Mode is selected, 'Edit Mode' box is already highlighted.
In this case, you don't need to select Edit mode again.



- 2 Then press ◀ button to select the file you want and press [PLAY] button.

- 3 Press ► button to select "Add To Program", and press [PLAY] button. Then press ▲ button to select "Program View" and press [PLAY] button.

- 4 Use ▲ button to select Edit Mode and press [PLAY] button.

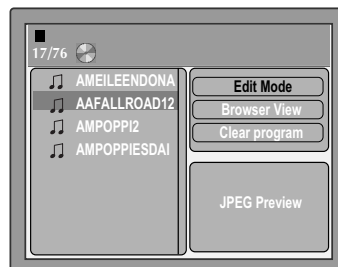
Press ◀ button to select the file of your choice and press [PLAY] button.



Caution: First of all, you have to cancel the selection of "Edit Mode" in order to play the desired file.

Cancel PROGRAM

1. Press STOP twice, and press ► button to select "Edit Mode" and press [PLAY]. When Edit Mode is selected, 'Edit Mode' box is already highlighted. In this case, you don't need to select Edit mode again.
2. Press ◀ button and [◀▶▲▼] button to select the file you'd like cancel and press PLAY to confirm your operation.
3. Press ► button to select "Clear Program" and press [PLAY] button to confirm your selection.
4. Press ▲ button to select 'Browser View' and press [Play] button to exit program screen.



Function Setting

MENU SETTING

According to the recorded information and external equipment, set the following functions for DVD to obtain the best playing status. Press "SETUP" button to set the main menu.

1 SETUP button

Language

OSD language : English
 Subtitle : Off
 DivX Subtitle : Western European
 Audio : Auto
 DVD menu : Auto

Video

TV display : Normal/LB
 TV type : NTSC
 Screen Saver : On
 Smart Picture : Standard
 HD Resolution : Auto

Audio

Digital Output : LPCM
 Night Mode : Off
 Down Sampling : Off

Parental

Parental Control : 8. Adult
 Set Password
 Use Default Settings

2 Play or ► button

OSD language

✓ English
 Spanish

TV display

Normal/PS
 ✓ Normal/LB
 16:9 Wide

Digital Output

Off
 ✓ LPCM
 Bitstream

Parental Control

Enter Password

Function Setting

BASIC NAVIGATION

To navigation through the setting on the screen, use the direction [◀▶▲▼] buttons to scroll through the list of settings and use "PLAY" button to select the high lighted function.

SETUP MENU

Press the SETUP button to enter the On Screen Display and to exit at any time. In each of the menus, selecting MAIN PAGE (SETUP menu) will immediately return you to the initial screen.

▲ or ▼ Subtitle English Spanish Auto ✓ Off	▲ or ▼ DivX subtitle ✓ Western European Central European	▲ or ▼ Audio English Spanish Auto ✓ Auto	▲ or ▼ DVD Menu English Spanish ✓ Auto
--	--	--	---

▲ or ▼ TV type ✓ NTSC PAL Auto	▲ or ▼ Screen Saver Off ✓ On	▲ or ▼ Smart Picture ✓ Standard Bright Soft Dynamic →	Dynamic Brightness — 0 Contrast — 0 Tint — 0 Color — 0	▲ or ▼ HD Resolution ✓ Auto 480P/576P 720P 1080i
---	--	---	---	--

▲ or ▼ Night Mode ✓ Off On	▲ or ▼ Down Sampling ✓ Off On
--	---

1. Kid Safe 2. G 3. PG 4. PG-13 5. PG-R 6. R 7. NC-17 ✓ 8. Adult	▲ or ▼ Set Password Enter New Password [][][][]	▲ or ▼ Use Default Settings Yes No
---	--	---

Function Setting**LANGUAGE****Note:**

"OSD" means
"On Screen
Display".

■ OSD LANG.

When select a language, the screen show this language.

For example, if you select ENGLISH, the OSD is in English.

■ SUBTITLE

- **Selecting Subtitle language.**

Please set it as the preferred language. In case the subtitle language is set and recorded in the DISC, it is automatically played in the set language in every playing. For example, English is set and recorded as subtitle language in the DISC, it is played in English.

■ DivX SUBTITLE (For MP4 files only)

- **Selecting DivX Subtitle language.**

Please set it as the preferred language. In case the DivX subtitle language is set and recorded in the DISC, it is automatically played in the set language in every playing. For example, English is set and recorded as subtitle language in the DISC, it is played in English.

The default is Western European.

Each DivX subtitle option supports related languages as follows.

- Western European: supports Albanian, Breton, Catalan, Danish, Dutch, English, Faroese, Finnish, French, Gaelic, German, Icelandic, Irish, Italian, Norwegian, Portuguese, Spanish and Swedish.
- Central European: supports Albanian, Croat, Czech, Dutch, English, German, Hungarian, Irish, Polish, Romanian, Slovak, Slovene and Sorbian.

■ AUDIO

- **Selecting an audio language.**

Set it as the preferred audio language. In case the audio language is set and recorded in the DISC, it is automatically played in the set language in every playing. For example, English is set and recorded as audio language in the DISC, it is played in English.

■ DVD MENU

- **Selecting DVD Menu language.**

Please set it as the preferred DVD MENU language. In case the DVD MENU language is set and recorded in the DISC, it is automatically played in the set language in every playing. For example, English is set and recorded as a DVD MENU language in the DISC, it is played in English.

Function Setting

VIDEO

TV DISPLAY

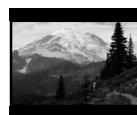
1 NORMAL/PS

This is selected when the unit is connected with a normal TV. Wide-screen images are shown on the screen, but with some parts cut automatically.



2 NORMAL/LB

This is selected when the unit is connected with a normal TV. Wide-screen images are shown on screen, with black belts on the top and bottom.



3 16:9 WIDE

This is selected when the unit is connected with a wide-screen TV.



TV TYPE

You may select according to the colour system of the TV to be connected.

- Select "NTSC" for a NTSC TV.
- Select "PAL" for a PAL TV.
- Select "AUTO" for a multi-system TV.

SCREEN SAVER

Start the screen saver, the screen saver image appears when the unit stops or the image is motionless for a few seconds. This saver can keep the screen from being damaged.

■ Smart Picture

Select the Picture preset according to your preference. There are 4 options to select, they are : Standard, Bright, Soft, Dynamic.

- **Dynamic** - Highlight the Dynamic menu, and press PLAY to confirm. Use ▲ or ▼ buttons to highlight one of the following options : Brightness, Contrast, Tint and Color.
Use ◀ or ▶ buttons to set the level.

■ HD Resolution

The HD Resolution menu enables you to select the desired HD Resolution used for the video output.

In STOP mode or no disc in the tray, press V-MODE button to select HD then in SETUP menu to access HD resolution.

There are five Resolution mode.

The default is Auto.

■ AUDIO

■ DIGITAL Output

- **Bitstream**

Select this when the DVD player is connected with a power amplifier through coaxial port. Please refer to the page 14. when a Dolby Digital DVD, DTS DVD or MPEG DVD is played, select this, the coaxial port will output in the corresponding digital format (source code).

- **LPCM**

Select this when the DVD player is connected with a TV or a power amplifier through audio cord.

- **OFF**

No signal is output from the coaxial port.

Function Setting**■ Night Mode**

Set Night mode to On or Off.
The default is Off.

■ Down Sampling

Set Down Sampling mode to On or Off.
The default is Off.

PARENTAL

PARENTAL CONTROL

Note:

The password is 3308 when the unit is turned on initially or you forget the password.

The Parental Control feature allows you to prevent DVDs from being played based on their ratings or to have certain discs played with alternative scenes. You can set the Rating Level from '1. Kid Safe' to '8. Adult'.

The content of a disc with lock function is evaluated by grades. You can select an age grade as your need.

Example: Select "1. Kid Safe", the scenes of violence inadvisable to children are not played.

For adults, the screen suggests you enter the code after pressing "PLAY" button, you can watch if the code is right.

Note:

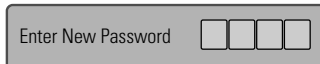
The password is set by yourself.

SET PASSWORD

Select "SET PASSWORD" in Parental menu to setup password. Press PLAY button, then Enter password screen appears.

Input a password according to the screen.

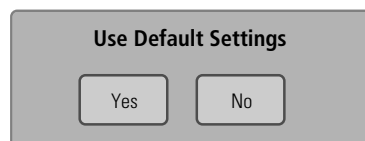
Set Password



Enter New Password

Use Default Settings

Each function setting returns to the factory initial status if you select "Yes".



Use Default Settings

Yes No

TROUBLESHOOTING

If you experience the following problems while using the unit, this troubleshooting guide can help you.

- **NO SOUND**

- Check if the unit is connected securely.
- Make sure you operate the TV or amplifier correctly.

- **NO IMAGE, IMAGE ROLLS AND NO COLOUR**

- Check if the unit is connected securely.
- Make sure you operate the TV correctly.
- Make sure you set the colour system correctly.

- **BAD SOUND QUALITY**

- Make sure the audio output mode is set correctly.
- Make sure the audio connection between the unit and amplifier is right.

- **DISC CAN NOT BE PLAYED**

- There is no disc in the unit.
- Insert the disc on the disc tray properly with the label side up.
- Clean the disc.
- Moisture has condensed in the unit.
Remove the disc and leave the unit on for about one hour.

- **REMOTE CONTROL DOES NOT WORK**

- Remove barriers between the remote control and the unit.
- Replace the batteries with new ones.
- Point the remote control at the remote control sensor of the unit.

- **ATTENTION: KEEPING THE STATUS OF STOP MORE THAN 5 MINUTES ENTERS SCREEN SAVE MODE. WHEN THE SCREEN SAVE MODE IS KEPT MORE THAN AN HOUR, THE SET ENTERS STAND-BY MODE.**

TECHNICAL SPECIFICATIONS

Laser		wavelength 650nm
Video		NTSC/PAL/AUTO
Frequency response		20Hz ~ 20KHz (± 1 dB)
Signal/noise ratio		≥ 90 dB
Channel separation		≥ 85 dB (1kHz)
Dynamic range		≥ 80 dB (1kHz)
Output Audio	Analog	output level : $2.0 \pm 0/-0.2V_{rms}$ (Load impedance : $1.0k\Omega$)
	Digital	output level : $0.5 \pm 0.1V_{p-p}$ (Load impedance : 75Ω)
Output Video	Composite	output level : $1.0 \pm 0.1V_{p-p}$ (Load impedance : 75Ω , imbalance, negative polarity)
	S-video	output level : brightness (Luma) $1.0 \pm 0.1V_{p-p}$ chromaticity (Color) $0.286 \pm 20\%$ (Load impedance : 75Ω)
	Component	Y: $1V_{p-p}$, Pb/Pr: $0.7V_{p-p}$ (Load impedance : 75Ω)
HDMI		Audio/Video Output (480p/576p, 720p, 1080i)
Power		100-240V~ 50Hz/60Hz 12W
Dimensions	Body (W x H x D)	430 x 33 x 222 mm
	Packing	462 x 85 x 272 mm
Weight (Gross/ Net)		2.23kg / 1.57kg

Notes : Design and specifications in this instruction manual are subjected to change without prior notice to improve quality and function.